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No. 31] NEW DELHI, SATURDAY, AUGUST 2, 1997 (SRAVANA 11, 1919)

इस भाग में भिन्न पुछ संदर्भों की जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paying is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2

[PART III-SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs].

THE PATENT OFFICE
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and Aminidivi Islands,

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Patent Office, (Head Office).
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Floor, 234/4, Acharya Jagadish
Bose Road, Calcutta-700 020.

Rest of India.

Telegraphic address "PATENTS"

All applications, notices/statements or other documents or any fees required by the Patents Act, 1970 or the Patent Rules, 1972 will be received only at the appropriate Offices of the Patent Office.

Fees :—The fees may either be paid in cash or may be sent by Money Order or payable to the Controller at the appropriate Offices or by bank draft or cheque payable to the Controller drawn on a scheduled bank at the place where the appropriate office is situated,

पेटेंट कार्यालय
एकस्व तथा अभिकल्प
कलकत्ता, वित्तांक 2 अगस्त 1997

पेटेंट कार्यालय के कार्यालयों के पासे एवं क्षेत्राधिकार
 पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ता में स्थित है
 तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शास्त्र कार्यालय हैं,
 जिनके प्रादर्शिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में
 प्रदर्शित हैं :—

पेटेंट कार्यालय शास्त्रा, टोडी इस्टेंट,
 तीसरा तल, लोअर परले (प.),
 मुम्बई-400 013.

गुजरात, महाराष्ट्र, मध्य प्रदेश
 तथा गोआ राज्य क्षेत्र एवं झंग
 शासित क्षेत्र, बंगल तथा दीव एवं
 दादर और नगर हैंसी।

तार पता—"पेटेंटोफिस"

पेटेंट कार्यालय शास्त्रा,
 एकल सं. 401 से 405, तीसरा तल,
 नगरपालिका बाजार भवन,
 सरस्वती मार्ग, करोल बाग,
 मुम्बई दिल्ली-110 005.

हिमाचल, हिमाचल प्रदेश, अमृ
 तथा कशीर, पंजाब, राजस्थान,
 उत्तर प्रदेश तथा दिल्ली राज्य
 क्षेत्रों एवं संघ शासित क्षेत्र घंडीगढ़।

तार पता—"पेटेंटोफिस"

**APPLICATION FOR PATENT FILED AT THE HEAD
 OFFICE 234/4, ACHARYA JAGADISH BOSE ROAD
 CALCUTTA-20**

The dates shown in the crescent bracked art the dated
 claimed under section 135, of Patent Act, 1970.

18-06-1997

1151/Cal/97. Cytec Technology Corp, "Water-in-oil emulsion spray drying process." (Convention No. 08/668, 288 on 21-6-96 in U.S.A.).

1152/Cal/97. Cytec Technology Corp. "Spray-Drying oil recovery process" (Convention No. 08/667,782 on 21-6-96 in U.S.A.).

1153/Cal/97. Cytec Technology Corp, "Spray-Dried polymer compositions and method". (Convention No. 08/670,194 on 21-6-96 in U.S.A.).

1154/Cal/97. Rossi Motoriduttori S.P.A. "Gearcase unit". (Convention No. M096A000084 on 25-6-96 in Italy).

1155/Cal/97. Samsung Electronics Co. Ltd., "Small antenna for portable radio equipment". (Convention No. 52132/1996 on 5-11-96 in Korea).

पेटेंट कार्यालय शास्त्रा,
 दिंग सी (सी-4, ए)
 तीसरा तल, राजाजी भवन, दक्षन नगर,
 चेन्नई-600090।

गुजरात प्रदेश, कर्नाटक, केरल, तमिलनाडु
 तथा पाण्डिचेरी राज्य क्षेत्र एवं
 संघ शासित क्षेत्र, लक्ष्मीपुर, नितिकाश
 तथा एमिनीबिहि बृद्धीप।

तार पता—"पेटेंटोफिस"

पेटेंट कार्यालय (प्रधान कार्यालय)
 निजाम पैलेस, दिल्ली बहुतलीय कार्यालय
 भवन, 5, 6 तथा 7वां तल,
 234/4, आचार्य जगदीश बोस मार्ग,
 कलकत्ता-700 020.

भारत का अवशेष क्षेत्र।

तार पता - "पेटेंट्स"

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में
 अपेक्षित सभी आवेदन-पत्र सूचनाएं, विवरण या अन्य प्रलेख पेटेंट
 कार्यालय के केवल उपयोग कार्यालय में ही प्राप्त किए जाएंगे।

शुल्क : शुल्कों की अवधियाँ या तो नकद की जाएंगी अथवा
 उपयोग कार्यालय में नियंत्रक को भुगतान योग्य भनाइश अथवा
 जोक बाहेश या जाहो उपयोग कार्यालय अवस्थित है, उस रथान
 के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अपना
 चैक द्वारा की जा सकती है।

1156/Cal/97. Chivoda Corporation, "Process of producing carbonic diester". (Convention No. 8-283022 on 4-10-96 in Japan).

1157/Cal/97. Taprogge GMBH, "Ball lock for a device for returning balls". (Convention No. 29610900.2 on 21-6-96 in Germany).

1158/Cal/97. Werner Grabher, "Cardboard tube closure, and box and box lid with said closure",

1159/Cal/97. Werner Grabher, "Press apparatus for tightly connecting a can wall to a separating element".

19-06-1997

1160/Cal/97. Daewoo Electronics Co. Ltd., "Refrigerator having an apparatus for controlling cooling intensity with one fan", (Convention No. 96-42578 on 25-9-96 in Korea).

1161/Cal/97. Jahar Lall Bose, "Sponge iron removal filter".

1162/Cal/97. Rabindra Nath Bose, "On line water purification system".

1163/Cal/97. Omnipoint Corporation, "Folded mono-bow antennas and antenna systems for use in cellular and other wireless communications systems. (Convention No. 08/709.275 on 6-9-96 & 08/673,871 on 2-7-96 in USA).

1164/Cal/97. PPG Industries. Inc, "Novel substituted "naphthopyrani".

1165/Cal/97. Rep Investment Limited Liability Company, "In-Home theater surround sound speaker system". (Convention No. OB/707,101 on 3-9-96 in USA).

1166/Cal/97. Siemens Aktiengesellschaft, "Circuit for generating a reference potential". (Convention No. 19624676.8 on 20-6-96 in Germany).

1167/Cal/97. Siemens Aktiengesellschaft Turbine shaft and method for cooling a turbine shaft". (Convention No. 19624805.1 on 21-6-96 in Germany).

19-06-1997

1168/Cal/97. Siemens Aktiengesellschaft, "Rotor for a turbomachine having blades which can be fitted into slots, and blades for a rotor". (Convention No. 19624924.4 on 21-6-96 & 19642537.9 on 15-10-96 in Germany).

1169/Cal/97. Siemens Aktiengesellschaft, "Turbomachine find method for cooling a turbomachine". (Convention No. 19624805.1 on 21-6-96 in Germany).

1170/Cal/97. Siemens Aktiengesellschaft, "X-Ray examination unit". (Convention No. 19625407.8 on 25-6-96 in Germany).

1171/Cal/97. Siemens Aktiengesellschaft, "Apparatus for voltage multiplication with low dependence of the output voltage on the supply voltage". (Convention No. 19627197.5 on 5-7-96 in Germany).

1172/Cal/97. Siemens Aktiengesellschaft, "Switching-Contact system of a low-voltage power circuit-breaker with flexible conductors". (Convention No. 19626467.7 on 21-6-96 in Germany).

1173/Cal/97. Murata Manufacturing Co. Ltd., "Surface-Mount antenna and a communication apparatus using the same". (Convention No. 8-158153 on 19-6-96 in Japan).

1174/Cal/97. KDL Technologies Limited, "Apparatus and method for generating optimal search queries". (Convention No. 08/667,544 on 21-6-96 in USA).

1173/Cal/97. KDL Technologies Limited, "A computer system for data analysis", (Convention No. 08/667,520 on 21-6-96 in USA).

20-6-1997

1176/Cal/97. Assam Agro Hitech Limited, " A composition useful for weight reduction and a method of preparing a composition useful for weight reduction".

1177/Cal/97. Glaxo Group Limited, "Therapeutic acetic acid derivatives". (Convention No. 9613017.4; 9613095.0 & 9613018.2 on 21-6-96 in United Kingdom).

1178/Cal/97. Nokia Telecommunications OY, "Procedure and system for ensuring emergency communication". (Convention No. FI-962575 on 20-6-96 in Finland).

1179/Cal/97. Coronet-Werke GMBH, "Toothbrush with a replaceable brush part". (Convention No. 19624962.7 on 22-6-96 in Germany).

1180/Cal/97. Coronet-Werke GMBH, "Dental care device with replaceable care part". (Convention No. 19624962.7 on 22-6-96 in Germany).

1181/Cal/97. Hitachi,Ltd., "Deterioration diagnosis method and device of electrical machine and apparatus". (Convention No. 8-168961 on 28-6-96 in Japan).

1182/Cal/97. Engelhard Corporation., 'Attrition resistant micro spheres useful is a vanadium trap in fluid catalytic cracking". (Divided out of No. 735/Cal/93 antited to 30-11-93).

1183/Cal/97. Borealis Polymers OY, "Antifouling coating". (Convention No. 962612 on 24-6-96 in Finland).

1184/Cal/97. Hoechst Celanese Corporation, "Palladium-Gold catalyst for vinyl acetate production". (Convention No. 08/670,860 on 28-6-96 in USA),

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, WING C (C-4 A1), IIIRD FLOOR, RAJAJI BHAVAN, BESENT NAGAR, CHENNAI-600 090.

7th April, 1997

720/Mas/97. Central Coir Research Institute. Composting of coir pitch using pithplus.

721/Mas/97. Panganamamula Venkata Surya Prakasa Rao. Chemical peeling of palmyrah fruit whole kernels.

722/Mas/97. Panganamamula Venkata Surya Prakasa Rao, Preservation of cooked rice/semolina/pasta/dhals and allied products in hermetically sealed packages and containers.

723/Mas/97. At & T Corp., method and apparatus for switching code division multiple access modulated beams.

724/Mas/97. Thermocompact.. Spark erosion electrode wire structure, method of manufacturing it, and application to spark erosion, (April 11, 1996 ; France).

725/Mas/97. Toyo Engineering Corporation. Method for detecting clogging and granulation method. (April 16, 1996; Japan).

726/Mas/97. Canon Kabushiki Kaisha, Method for production of soi substrate by pasting and soi substrate. (April 8, 1996; Japan).

727/Mas/97. Akzo Nobel N.V. Novel peptides suitable for use in antigen specific immunosuppressive therapy.

728/Mas/97. New York University Medical Center. Method for gene transfer to the central nervous system. (April 8, 1996; United States of America),

729/Mas/97. Qualcomm Incorporated. Using orthogonal waveforms to enable multiple transmitters to share a single CDM channel.

730/Mas/97. Hoya Corporation, Reactive dyes and lenses utilizing the same. (April. 5, 1996; Japan).

8th April, 1997

731/Mas/97. Ramar P-, Preparation of herbal oil of volatile nature.

732/Mas/97. Kaidala Balram. Cement florervase design.

733/Mas/97. Rapoori Hema Chander. New improvised fountain pen.

734/Mas/97. At & T. Corp. Enhanced, deferred messaging service.

735/Mas/97. Foseco International Limited. Tundish impact pad. (April 11, 1996; Great Britain).

736/Mas/97. Edward Mendeil Co. Inc. Sustained release heterodisperse hydrogel systems-amorphous drugs. (April 18, 1996; United States of America).

737/Mas/97 Snamprogetti S.p.A. Equipment for partial oxidation reactions. (April 11, 1996; Italy).

738/Mas/97 Sharp Kabushiki Kaisha. Device for generating source programs of multiple kinds of assembler languages from extended tree structure chart by applying the same source generation rules(April 10, 1996; Japan).

739/Mas/97 ABB Research Ltd., martensitic-austenitic steel. (April 12, 1996; Germany).

740/Mas/97. Maschinenfabrik Rieter AG. Grinding of clothing (April 12, 1996; Switzerland).

741 /Mas/97. Maschinenfabrik Rieter AG. Sensor scanning, and adjustment of the card clothing gap. (April 12 1996; Switzerland).

742/Mas/97. Maschinenfabrik Rieter Ag. Spinning frame with a multistage drafting unit, furnished with a suction drum at its output tide, and method to produce spun ply yarn and spun ply yarn produced according to this method. (April 12, 1996; Germany).

743/Mas/97. Fisher Controls International, Inc. Rotary valve actuator and linkage. (April 12, 1996; USA).

744/Mas/97. Sanyo Electric Co. Ltd. Washing machine. (April 25, 1996; Japan).

745/Mas/97. Cynosure Inc. Alexandrite laser system for treatment of dermatologies specimens. (April 9, 1996; USA).

9th April 1997

746/Mas/97 Dr. K. Balusami. A method of extracting azadirachtin from whole neem seed kernel.

747/Mas/97 Ztek Corporation. Thermally enhanced compact reformer. (April 12, 1996; U.S.A.).

748/Mas/97 Usinor Sacilor Immeuble "La Pacific". Process for conditioning the copper or copper-alloy external surface of an element or mould for the continuous casting of metals, of the type including a nickel plating step and a nickel removal step. (April 12, 1996; France)

749/Mas/97 MILH Alfred Henri. Plant for manufacturing construction elements especially for baring structures of buildings.

750/Mas/97 Hoechst Aktiengesellschaft. Sulfonamide-substituted chromans, processes for their preparation, their use as a medicament or diagnostic, and medicament comprising them. (May 15, 1996; Germany).

751/Mas/97 Kimberly-Clark Limited. Folded sheet dispenser. (May 20, 1996; United States of America).

752/Mas/97 Magnquench International Inc. Bonded magnet with low losses and easy saturation.

753/Mas/97 Allied Tube & Conduit Corporation. A method and an apparatus of galvanizing a linear element.

10th April 1997

754/Mas/97 BASF Aktiengesellschaft. Fungicidal mixtures. (April 11, 1996 Germany).

755/Mas/97 BASF Aktiengesellschaft. Novel carboxylic acid derivatives, their preparation and use (April 12, 1996, Germany).

756/Mas/97 BASF Aktiengesellschaft Novel carboxylic acid derivatives their preparation and use (April 32, 1996, Germany).

757/Mas/97 BASF Aktiengesellschaft. Novel -hydroxy acid derivatives, their preparation and use (April 12, 1996; Germany).

758/Mas/97 British Telecommunications Public Limited. A telecommunication network and method of controlling switching in a telecommunication.1). (April 17, 1996; United Kingdom).

759/Mas/97 AT & T. Corp. Packetized CDMA/TDM Satellite communication.

760/Mas/97 AT & T. Corp. Traffic management methods for mitigation of interference between signals of satellite systems in relative motion.

761/Mas/97 BASF Aktiengesellschaft Compositions and method for controlling harmful fungi. (April 22, 1996; Germany).

762/Mas/97 BASF Aktiengesellschaft Compositions and method for controlling harmful fungi. (April 22, 1996; Germany).

763/Mas/97 Norton Chemical Process Products Corporation. Catalyst carrier. (April 30, 1996 U.S.A.).

764/Mas/97 Henkel Corporation. Chromate passivating and storage stable concentrate solutions therefor. (April 26, 1996; U.S.A.).

765/Mas/97 Clariant Finance; (BVI) Ltd. Stabilisation of lacquers. (April 12, 1996; Germany).

11th April 1997

766/Mas/97 Dharapuram Krishnaswamyrao Murali. Method of precasting of RCC units for wall 7 slabs and jointing them with bolted joints.

767/Mas/97 B. V. Rajshekhar". Rotomatic door movements stoppers.

768/Mas/97 Bodeputy Raghu Babu. New generation wind energy converter.

769/Mas/97 Dow Chemical Co. Simplified bimodal process. (April 12, 1996; United states of America

770/Ma6/97 NEC Corpoiniuia. Radio paging receiver capable, of self-management reception or service information such as weather or news (April 12, 1996; U.S.A.).

15th April 1997

771/Mas/97 Dr. Reddy's Research Foundation. New heterocyclic compounds having antidiabetic, hypolipidaemic, antihypertensive properties : process for their preparation and pharmaceutical compositions containing them,

772/Mas/97 The Chairman, Society For Biomedical Technology (SBJMI). A dilation device.

773/Mas/97 British Telecommunications Public Ltd. Co. Multimedia switching apparatus. (April 12 1996; United Kingdom).

774/Mas/97 HIPCO, Inc. HIP Protection device for the elderly.

775/Mas/97 Alpina Raggi S.p.A. A wheel spoke and a method for the production thereof.

776/Mas/97 Boral Bricks, (NSW) Ply. Ltd. Brick support, (April. 12, 1996 Australia).

777/Mas/97 Novo Nordisk A/S, An enzyme with BETA-1, 3-glucanase activity. (April 12, 1996; Denmark).

778/Mas/97 Novo Nordisk A/S. Enzyme -containing granules. (April 12, 1996, Denmark).

779/Mas/97 GGU Gesellschaft Fur. Gesundheits. und Umweltforschung MBH &, Co. Solidified drug supply tor generating inhalable drug particles.

780/Mas/97 International Business Machine Corporation. Instantiation object for a graphical user interface. June 25, 1996; U.S.A.)

16th April 1997

781/Mas/97 Akzo Nobel N.V. Therapeutic compounds).

782/Mas/97 Hoechst Aktiengesellschaft. Use of nonpeptide bradykinin antagonists for the treatment and prevention of chronic fibrogenetic liver disorders, acute liver disorders and the complications associated therewith. (May 22, 1996; Germany),

783/Mas/97 Petroleo Brasileiro S.A. Method, and equipment for launching pigs into undersea pipes. (April 16, 199ft; Brazil).

784/Mas/97 International Business Machine Corporation. Parallel' hierarchical timing correction. (June 24, 1996; U.S.A.)."

PART III—SEC. 2] THE GAZETTE OF INDIA, AUGUST 2, 1997 (SRAVANA 11, 1919) 1063

- 785/Mas/97. Rexkir & Colman France. Improvements in or relating to organic compositions, (April 17, 1996; United Kingdom).
- 786/Mas/97 Thomas Swan & Co. Ltd. and Degussa AG Supercritical hydrogenation. (April 17, 1996; United Kingdom).
- 787/Mas/97 Novo Nordisk A/S. Compositions for the removal of dental plaque. (April 16, 1996; Denmark).
- 788/Mas/97 Novo Nordisk A/S. Compositions for the removal of dental plaque. (April 16, 1996; Denmark).
- 789/Mas/97 YKK Corporation. Method for detection of magnetic substances in non-magnetic products and apparatus for the detection. (May 10, 1996; Japan).

17th April 1997

790/Mas/97 Tweco Products, Inc. IGas lens assembly., (April 19, J9y6; U.S.A.).

791/Mas/97 ABB Research Ltd. Binding for winding overhangs of rotors of electric machines, and method of producing bindings for winding overhangs. ("Apnl 18, 1996; Germany).

792/Mas/97 Cebal S. A. Process for manufacture of a for for a container with a detachable cover reusable as a cap. (April 22, 1996; France).

793/Mas/97 Kanal Juyo Kogyo Co. Ltd. Production method of a spinning ring for a ring spinning machine. (October 31 ,1996; Japan).

794/Mas/97 Novo Nordisk A/S. Novel lipase and detergent composition. (April 18, 1996; Japan),

795/Mas/97 Mobil Oil Corporation. 1 Aromatics Alkylation.

796/Mas/97 Snamprogetti S.p.A. Process for removing nitrogenated and sulfurated contaminants from hydrocarbon streams. (April 22, 1996; Italy),

797/Mas/97 Snamprogetti S.p.A. Process for removing oxygenated contaminants from hydrocarbon streams. (April 22, 1996; Italy).

798/Mas/97 Lucent Technologies Inc. Dispersion-bnldiic^d optical cable. (June 7, 1996; U.S.A.).

799/Mas/97 Novo Nordisk A/S. Modulators of molecules with phosphotyrosine recognition units. (April 19, 1996; Denmark).

800/Mas/97 Novo Nordisk A/S. Modulators 1 of molecules with 1 phosphotyrosine recognition units, (April 19, 1996; Denmark).

801/Mas/97 Peninsula Polymers Ltd. Process for the manufacture of intravenous and other parenteral infusion in plastic containers free from microorganisms.

802/Mas/97 Tube Investments of India Limited. Bicycle frame.

ALTERATION OF DATE UNDER SECTION 16

178967 antedated to 3rd July 1995.
(747/Cal/95).

178982 filed on 9-8-89,

711/Del/89 ante-dated to 8-10-86.

178979 antedated to 9th May, 1995.
(644/Cal/95).

178980 antedated to 4th April, 1994.
(692/Cal/95).

ALTERATION OF DATE

178991 filed on 5-12-1990.

1230/Del/90. Ante dated to 19-11-1987.

178994 filed on 18-12-1990,

(1289/Del/90). Ante dated to 30-11-1987.

178995 filed on 8-7-1991.

(60y/Del/91). Ante dated to 11-3-1988.

173996 filed on 11-7-1991.

(620/Del/91). Ante dated to 23-4-1988.

178997 filed on 8-10-1991.

972/Del/91. Ante dated to 23-8-1988.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time, within four months of the date of this issue or within such further period not exceeding one month applied for an Form-14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice the Controller or Patents at the appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

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स्वीकृत सम्पूर्ण विनिर्देश

एतदत्तवारा यह सूचना दी जाती है कि राष्ट्रबद्ध आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक कोइर व्यक्ति, इसके निर्गम की तिथि से बार (4) महीने या अग्रिम एसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के दृष्टिकोण से विहित प्रपत्र 14 पर आधीक्त एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकस्थ को उपयुक्त कायालय में एसी विरोध की मूलना विहित प्रपत्र 15 पर दे सकते हैं। विरोध संबंधी लिखित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसको तिथि के एक महीने के भीतर ही काइल किए जाने चाहिए।

"प्रत्येक विनिर्देश के संदर्भ में जीवे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप है।"

सूचनक (चित्र आदेष्टों) की फोटो प्रतियां यदि कोई हो, के साथ विनिर्देश की टंकित अथवा काँड़ी प्रतियां को आपूर्ति पेटेंट कायालय, कलकत्ता अथवा उगदानत शास्त्र कायालय द्वारा

विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र-व्यवहार इथाश सुनिश्चित करने के उपरांत उसकी अदायगी पर की जा सकती है। विनिदेश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिदेश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उस 2 से गुणा करके, (वर्तीक प्रत्येक वृक्ष का लिप्यान्तरण प्रभार 2/- रु. है) कोटा लिप्यान्तरण प्रभार का परिकलन किया जा सकता है।

Cl. : 36 A 1 3

1789C1

Int. Cl⁴ : F 01 B 9/00.

'CENTRIFUGAL COMPRESSOR'.

Applicant : HITACHI, Ltd., OF 6, KANDA SURUGADAI 4-CHOME, CHIYODA KU, TOKYO, JAPAN.

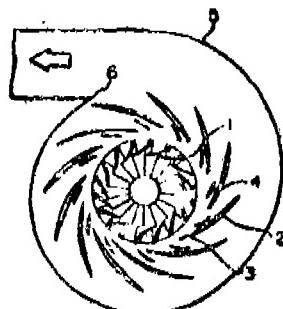
Inventors : (1) MASATOSHI TERASAKI
(2) KOJI NAKAGAWA.

Application No. 739/Cal/1992 filed on 12th October, 92,
Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

6 Claims

A centrifugal compressor comprising a diffuser provided stator blades (2) operative to convert the kinetic energy of a fluid discharged from an impeller into a pressure energy, where in stator blades have leading edges inclined at an angle less than forty five degrees in the downstream direction while extending away from a side plate (7) towards a core plate and auxiliary blades (4) each having a chord length shorter than that of each of said stator blades having leading edges inclined at an angle less than forty five degrees in the downstream direction while extending away from said side plate towards said core plate, said auxiliary blades (4) being arranged at positions radially inward of said stator blades,

FIG. 1



Compl. Specn. : 13 pages;

Drgns. : 5 sheets.

Cl. : 134

B

178962

Int. Cl⁴ : B 60 K 41/22.

A CONTROL SYSTEM FOR CONTROLLING A SHIFT ACTUATOR ASSOCIATED WITH A SYNCHRONIZED JAW CLUTCH OF A VEHICULAR COMPOUND TRANSMISSION.

Applicant : EATON CORPORATION OF EATON CENTER, CLEVELAND OHIO 44114, UNITED STATES OF AMERICA-

Inventor : ALAN CHARLES STINE.

Application No. 922/Cal/1992 filed on 28th December, 1992.

Appropriate Office for Opposition Proceedings (Rule -1, Patent Rule 1972), Patent Office, Calcutta.

9. Claims

A control system for controlling a shift actuator (96) associated with a synchronised jaw clutch (92) of a vehicular compound transmission for selectively engaging and disengaging a selectable ratio in a compound transmission (10) comprising a multiple speed main transmission section (12) connected in series with a range type auxiliary transmission section (14), said main transmission section (12) shiftable into engaged and not engaged conditions said system comprising :

- (a) means (98, 236) for sensing selection of engagement of said auxiliary transmission section (14) selectable ratio;
- (b) means, (204, 210, 332) for sensing if said main transmission section (12) is in either an engaged or a not engaged condition, and characterised by;
- (c) control valve position (324) for responding to sensing (i) a selection of engagement of said auxiliary transmission section (14) selectable ratio and (ii) said main transmission section (12); not engaged by causing said actuator (96) to urge said synchronised jaw clutch (92) into engagement with a first level force p* (a224);
- (d) control valve position (328) for responding to sensing (i) selection of engagement of said auxiliary transmission section (14) selectable ratio and (ii) said main transmission section (12) engaged by causing said actuator (96) to urge said synchronised jaw clutch (92) into engagement with a second level force p* (a224-a222), said second level force being considerably smaller than said first level force;

wherein said compound transmission(10) is a manually operated range type transmission., said auxiliary transmission section (14) is an auxiliary range section having a high speed and a low speed ratio,

Compl. Specn. 32 pages;

Drgns. 14 sheet*.

Cl. ; 129 O

178963

Int. Cl⁴ : G 07 F 1 /06.

A TWO-PART BLANK FOR COINS, MEDALS, TOKENS AND THE LIKE.

Applicant: KRUPP VDM GMBH, OF PLETTENBERGER SIR. 2 D5980 WERDOHL GERMANY.

Inventors : (1) EGON SECUSTER

(2) HORST RINKE

(3) DR. ING. ANGELIKA KOLB-TELIEPS

(4) DR. ING. ULRICH HEUBNER.

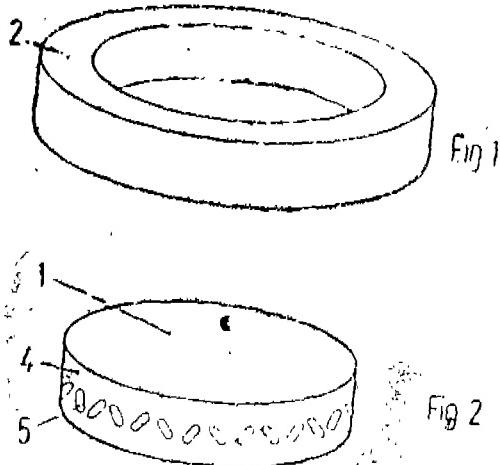
Application No, 150/Cal/1993 filed on 15th March, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office Calcutta.

5 Claims

A two-part blank for coins, medals, tokens and the like comprising an inner disc of a first metal or a metal alloy which is pressed into the central opening of an outer ring of a second metal or a second metal alloy characterised in that the outer edge (4) of the disc (1) is formed with obliquely extending depressions as illustrated in Fig. 2 and either said inner disc (1) or said outer ring (2) has a specific electric

resistance which is less than the respective part as herein described.



Compl. Specn. 8 pages;

Drgns.

1 sheet.

Cl. : 129 Q

Int. Cl. : C 22 B33/00, 38/00, 38/02, 38/04, 38/06, 38/08, 38/14, 38/36, 38/16, 38/20, 38/22, 38/24, 38/28, 38/38.
B 23 K 35/00, 5/00.

A METHOD OF JOINING PIECES OF LOWCARBON, LOW ALLOY STEEL, BY WELDING WITH THE HELP OF A WELDING ELECTRODE,

Applicant : ALLOY RODS GLOBAL, INC., OF WILSON AVENUE P. O. BOX 517 HANOVER, PENCYLVANIA 17331 UNITED STATES OF AMERICA.

Inventors : (1) ARTHUR PHILLIP GOLDREN
(2) SUSAN RENATA FIORE
(3) RONALD BLAKE SMITH,

Application No. 241 /Cal/1993 filed on 26th April, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office Calcutta.

9 Claims

A method of joining pieces of low carbon, low alloy steel, by welding with the help of a welding electrode comprising following elemental composition, on a weight percent of said welding electrode :

0.01 to less than 0.05 carbon;
0.7 to 1.8 manganese;
0.2 to 0.35 silicon;
1.0 to 9.0 nickel;
upto 0.8 chromium;
0.4 to 1.5 molybdenum;
upto 1.0 copper;
upto 0.03 titanium; and
upto 0.035 aluminium;

the balance iron and incidental impurities;

wherein the said welding uses a gas metal arc welding technique without requiring preheating to drive off hydrogen and any control in the cooling rate and result in the transformation of the weld deport microstruture from austenite into bainite without forming martensite.

Compl. Specn. 27 pages;

Drgns. 1 sheet.

Cl. : 93

178965

Int. Cl⁴ : B 22 V 1/00, 7/00, 9/00.

PROCESS FOR OBTAINING AMORPHOUS METALLIC COATING.

Applicant : NEYRPIC, OF 75 RUE GENERAL MANGIN, FR-38100, GRENOBLE.

Inventors : (1) JEAN-MARIE DUBOIS
(2) PHILIPPE PLA1ND0UX
(3) JEAN-PIERRE HOUIN
(4) JEAN-MARIE ROMAN

Application No. 274/Cal/1993 filed on 14th May, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office Calcutta.

14 Claims

Process for obtaining amorphous metallic coating consisting essentially of metal alloys of the general formula :



wherein T is selected from the group consisting of Ni, Co, Ni-Co and any combination of at least one of Ni and Co combined with Fe and $3 < Fe < 82$ and $3 < a < 85$ atomic percent;

M is one or more elements, selected from the group consisting of : Mn, Cu, V, Ti, Mo, Ru, Hf, Ta, W, Nb and Rh and $0 < e < 12$ atomic percent;

M' is one or more elements selected from the group consisting of the rare earth elements, and y and $0 < f < 4$ atomic percent;

X is one or more metalloids selected from the group consisting of C, P, Ge, et, Si and $0 < g < 17$ at %;

I represents inevitable impurities, and ; $h < 1$ at %;

$5 < b < 25$ at %

$5 < c < 15$ at %

$5 < d < 18$ at % and $a+b+c+d+e+f+g+h=100$ at % wherein said coating are formed by depositing by thermal projection on a substrate provided to receive them, metal alloy powders obtained by atomization having a granular size of between 20 um, the powder deposition being followed by a cryogenic cooling • step.

Compl. Specn. 20 pages;

Drgns.

3 sheets.

Cl. : 93

178966

Int. Cl⁴ : B 22 F 1/00 3/00.

METHOD FOR PREPARING METALLURGICAL POWDER CONTAINING AN ORGANIC LUBRICANT.

Applicant : HOEGANAES CORPORATION, OF RIVER ROAD AND TAYLORS LANE, RIVERTON, NEW JERSEY 08077, UNITED STATES OF AMERICA.

Inventors : (1) FREDERICK JOSEPH SEMEL
(2) SYDNEY LUK,

Application No. 277/Cal/1993 filed on 17th May, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office Calcutta.

12 Claims

An improved method for preparing a metallurgical powder composition of the kind containing known organic lubricant such as herein described comprising the steps of ;

- (a) providing a dry admixture of (i) an iron based powder, (ii) at least one alloying powder, and (iii) a first amount of an organic lubricant;

- (b) providing a liquid mixture of known organic binding agent such as herein described dissolved or dispersed in a solvent;
- (c) wetting said dry admixture with said liquid mixture;
- (d) removing the solvent, thereby forming a dry powder composition; and
- (e) admixing a second amount of an organic lubricant selected from the group consisting of soaps and waxes with said dry powder composition to form said metallurgical powder composition;

characterized in that the said second amount of organic lubricant is up to about 25 per cent by weight of the total of said first and second amount of organic lubricant, and the total of said first amount and said second amount of organic lubricant constitutes up to about 3 per cent by weight of said metallurgical powder composition.

Compl. specn. 18 pages

Drgns. Nil.

Cl: 74

178967

Int. Cl⁴ : D06N 7/04.

A WATER AND/OR OIL-IMPERMEABLE SEALING MAT CONSISTING SUBSTANTIALLY OF A SUBSTRATE LAYER, A LAYER OF SWELLABLE CLAY AND A COVER LAYER."

Applicant : NAUE-FASERTECHNIK GMBH & CO. KG, OF WABTIURMSTRASSE 1, D-4990 LUBBECKE 1, GERMANY.

Inventors : (1) GEORG HEERTEN,
 (2) VOLKARD MULLER,
 (3) KARSTEN JOHANNSSEN.

Application No. 747/Cal/1995 filed on 3rd July, 1995.

(Divided out of No. 148/Cal/1991 antdated to 18th February, 1991.)

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta. -

2 Claims

A water and/or oil impermeable sealing mat for use as a "Water and/or oil barrier comprising a substrate layer and a cover layer which are non-woven textile materials and, wherein between said substrate layer and swellable clay layer is located a woven or knitted fabric or a plastic sheet, all of the textile layers and the plastic sheet are made from a non-rotting synthetic resin.

Compl. specn. 26 pages

Drgns.

2 sheets

Cl. : 163 C

178968

Int. Cl. : F 01 L 3/00.

PLATE VALVE, PARTICULARLY FOR COMPRESSORS.

Applicant : HOERBIGER VENTIFERKE AKTIENGESELLSCHAFT, OF A-1110 WIEN, BRAUNHUBERUASSE 23 AUSTRIA.

Inventor : ING. GERALD PAVLU.

Application No. 66/Cal/1994 filed on 1st February, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

Plate valve, particularly for compressors, with a valve-seat, a guard provided at a distance from the latter and plates provided between the valve seat and the guard, in fact a closing plate which controls the flow-through channels of the valve seat, as well as at least one auxiliary plate assigned to the closing plate, e.g. a spring, attenuating or

guiding plate which is fixed relative to the guard, characterised in that the guard (2) with a guard boss (9) projects against the valve seat (1), which is provided with at least one radial recess (11), e.g. a groove; the auxiliary plate (5) has a cut-out in its centre which is larger than the cross-section of the guard boss (9) and has at least two brackets (13) which project past the auxiliary plate's inner edge; and

the brackets (13) can be snapped into a recess (11) of the guard boss (9) by placing the auxiliary plate (5) with its central cutout into the guard boss (9) and by a relative movement between the guard (2) and the auxiliary plate (5), e.g. by rotating or moving the auxiliary plate (5) in its plane.

Compl. specn. 13

pages

Drgns : 2 sheets

Cl. : 136 A

178969

Int. Cl.⁴ : B29C 31/34, 39/24, 41/36.

LOCKABLE OUTLET NOZZLE FOR THERMOPLASTIC SYNTHETIC MATERIALS.

Applicant : REITER AUTOMATIK GMBH, OF OSTRING 19,63757 GROSSOSTHEIM GERMANY.

Inventors : HELMUT MEIDHOF, DIPL. ING.

Application No. 83/Cal/1994 filed on 9th February, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta,

3 Claims

Lockable outlet nozzle for thermoplastic synthetic materials with a back plate (4) provided with nozzles (6) for the outlet of the synthetic material from a casting vessel (1) and a swage block (7) placed before the back plate (4) in the direction of flow of the synthetic material, the holes (8) of which can be brought in and out of overlapping with the nozzles (6) by shifting the swage block (7) opposite to the back plate (4), wherein the back plate (4) is designed as U-shaped chamber (5, 10, 11) vertical to the shifting direction in cross section for the swage block (7) fitted in the same, which sits close to a flat bottom (5) of the chamber (5, 10, 11) interspersed with a sealing area (15), whereby the swage block (7) maintains a distance (18) from the chamber (5, 10, 11) at least in the region of the swellings (16, 17) of the same and the sealing layer of the sealing area (15) opposite to the bottom (5) is restricted to a narrow area, around the nozzles (6).

Compl. specn. 8 pages

Drgns.

1 sheet

Cl. : 32 A 1

178970

Int. Cl. : C09B 62/085; 62/09.

A PROCESS FOR PREPARING WATER-SOLUBLE FIBER-REACTIVE DYES.

Applicant : HOECHST AKTIENOESELLSCHAFT, OF D-65929 FRANKFURT AM MAIN, FEDERAL REPUBLIC OF GERMANY.

Inventors : 1. WERNER HUBERT RUSS,
 2. HORST TAPPLE,
 3. CHRISTIAN SCHUMACHER.

Application No. 259/Cal/1994 filed on 11th April, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta,

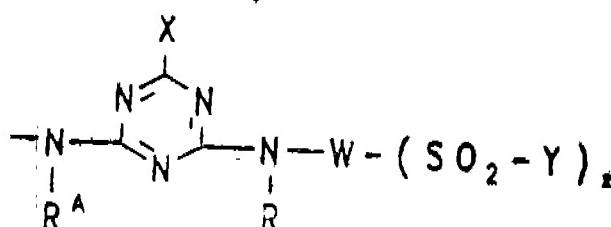
13 Claims

A process for preparing a dye of the formula (1)

F-Z_n (1)

in which

- 5-' F is the radical of a sulfo-containing mono-, dis- or polyazo dye, or of a heavy metal complex mono azo, heavy metal complex disazo or heavy metal complex trisazo dye or of an anthraquinone, azomethinc, phonazine stilbene triphenylmethane, xanthene, thioxanthene, nitroaryl, raphthoquinone, pyrenequinone, perylene-tetracarbimide, formazan, copper formazan, phthalocyanine copper phthalocyanine nickel phthalocyanine or cobalt phthalocyanine dye or triphendioxazine dye
- 10 Z is a group of the formula (2)



in which

- RA is hydrogen or alkyl of 1 to 4 carbon atoms, which may be substituted by halogen, hydroxy, cyano, alkoxy of 1 to 4 carbon atoms, alkoxycarbonyl of 2 to 5 carbon atoms, carboxy, sulfamoyl, sulfo, sulfato or phosphato,
- 20 25. X- is halogen, cyanoamino, methylsulfonylamino, oethylsulfonylamino, carboxypyridinyl, aminotocarbonylpyridinyl or a radical of the formula $-N(R);W-SO_2-Y)_z$ where R, W, Y and z have one of the meanings given below,
- R is alkyl of 1 to 6 carbon atoms, which, may be substituted by halogen, hydroxy, cyano, alkoxy of 1 to 4 carbon atoms, alkoxycarbonyl of 2 to 5 carbon atoms, carboxy, sulfumoyl, sulfo, sulfato, phosphato, phenyl or sulfophenyl, or is phenyl unsubstituted or substituents by 1 or 2 substituents selected from the group consisting of halogen, alkyl of 1 to 4 carbon atoms, alkoxy of 1 to 4 carbon atoms, sulfo and carboxy,

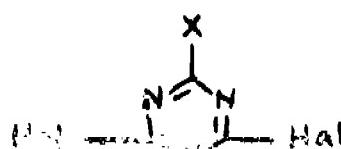
W is straight-chained or branched alkylene of 3 to 8 carbon atoms, which may be substituted by 1 or 2 substituents from the group comprising alkoxy of 1 to 6 carbon atoms, halogen, alkoxy-carbonyl of 2 to 3 carbon atoms, carboxy, sulfo and sulfato or by a phenyl radical or a phenyl radical which is substituted by 1 or 2 substituents from the group comprising sulfo, carboxy, methoxy, ethoxy and methyl or by such, a substituted; or unsubstituted phenyl radical and a sulfo, sulfato or carboxy group or by a heterocyclic radical,

Y is vinyl or β -sulfatoethyl, β -thiosulfatoethyl, β -phosphatoethyl, " β -(C_2-C_5 -alkanoyloxy) ethyl, β -benzoyloxyethyl, β (sulfonyloxyethyl) ethyl, β -(p-toluene-sulfonyloxy) ethyl or β -haloethyl, and

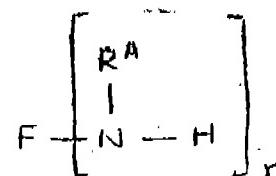
Z is 1 or 2, and

n is 1 or 2,

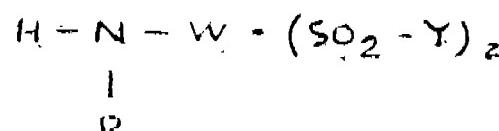
which comprises reacting a halotriazine compound of the general formula (21)



in which X has one of the meanings as herein described and hal is halogen, with an amino-containing compound of the formula (20)



where F, RA and n have the meanings as herein described and an amino compound of the formula (22)



where R, W, Y and z have the meanings as herein described in any described order.

Compl. specn, 20 pages

Drgn. 3 sheets

Cl. : 194 C 6 & 68

E

178971

Int. Cl⁴ : H01 J 61/00.

APPARATUS FOR ADJUSTING LUMINANCE OF MERCURY LAMP IN LIGHT EXPOSING DEVICE.

Applicant : SAMSUNG ELECTRON DEVICES CO., LTD., OF 575, SIN-RI, TAEAN-EUP, HWASUNGKUN, KYONGGI -DO, REPUBLIC OF KOREA.

Inventor : NAM DONG-HYUN, KVONGGI-DO, SHIM YOUNG-CHUL.

Application No. 42/Cal/1993 filed bo. January 25th, 1993.

Appropriate office for opposition proceedings (Rule 4, Patents Rule, 1972) Patent Office, Calcutta.

2 Claims

An apparatus for adjusting luminance of mercury lamp in light exposing device wherein a slidax for changing variably a nappiled voltage is interposed between a power source which supplies alternating current source and a transformer which supplies a high voltage to a mercury lamp. The apparatus comprising

a sensor for tenting a luminance intensity of the mercury lamp;

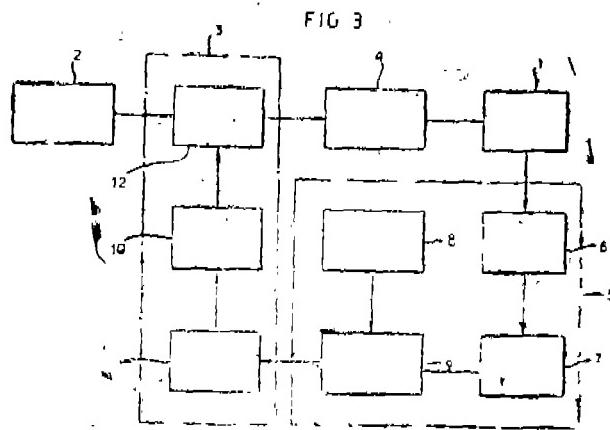
an Analog-Digital converter for converting a luminance tensing signal supplied from the senior to a digital signal in response to the luminance intensity of the mercury lamp;

an optimum luminance setting portion for setting an optimum luminance Intensity of the mercury lamp in accordance with the user's operation;

a comparator for comparing luminance intensity corresponding to a signal outputted from the Analog-Digital converter with the optimum luminance intensity set up at the optimum luminance setting portion to thereby output a difference thereof to the driving portion in a compensating signal;

a motor driving portion which controls revolutions of a stepping motor to thereby drive the stepping motor in response to the compensating control signal outputted from the comparator; and

a motor which displaces a voltage-variable knob of the slidax in accordance with a driving signal of the motor driving portion.



(Compl. specn. 12 pages;

Drgs. 3 sheets)

Cl. : 70 C₄ 178972
Int. Cl⁴ : C 25 B 1/00,

PROCESS FOR FORMING CARBONYL CONTAINING REACTION PRODUCTS, AND ELECTROCHEMICAL CELL THEREFOR.

Applicant : HYDRO-QUEBEC, OF 75, BOULEVARD RENÉ-LEVESQUE OUEST, MONTREAL, P.Q., CANADA H2Z 1A4.

Inventor : STEPHEN HARRISON.

Application No. 109/Cal/93 filed on 19th February, 1993.

Appropriate office for opposition proceedings (Rule 4, Patents Rule, 1972) Patent Office, Calcutta.

24 Claims

A process for oxidising aromatic and alkyl aromatic reactants to form carbonyl containing reaction products comprising the steps of

- preparing a solution of cerium III in methanesulfonic acid!
- electrolytically converting, in an electrochemical cell, said cerium III to cerium IV to form a reactant solution of cerium IV in methanesulfonic acid;
- transferring said reactant solution from said cell to a plug flow reactor; and
- reacting, in said plug flow reactor, an aromatic or alkyl aromatic reactant; such as, herein described, in said reactant solution to form a carbonyl containing reaction product and cerium III and, optionally;
- separating said cerium III from said reaction product; and
- recycling said separated cerium III to step (b) for continued processing.

(Compl.- specn. 20 pages;

Drgs. 3. sheets)

Cl. 136 E 178973
Ind. Cl⁴ : B 29 B 17/00

PROCESS FOR RECYCLING FOAMED PLASTICS MATERIAL.

Applicant : SUNPOR TECHNOLOGY A/S, BRYGGE-GATA 3, N-0250 OSLO, NORWAY.

Inventors : HELMUT BACHER, HELMUTH SCHULZ, GEORG WENDELIN,

Application No. 253/Cal/1993 filed on 3rd May, 1993.

Appropriate office for opposition proceedings (Rule 4, Patents Rule 1972) Patent Office, Calcutta,

15 Claims

A process for recycling foamed plastics material, for example formed polystyrene, to obtain a granulated gas containing synthetic plastics material, in a plant which the plastics material is melted open, filtered, defoamed, granulated and reformed by mixing with driving gas, the refoaming taking place in the same plant as the granulation characterised in that the refoaming is carried out on the plastics material subjected to defoaming and before granulation, in the plastic state of the plastics material, which plastic state is still caused by the melting process and the defoaming, and in that, at the same time, for the purpose of averaging the degree of foaming, the volume of driving gas inserted into the plastics material per unit of time and the mixing volume processed per unit of time during mixing are regulated in proportion to the volume of plastics material supplied to the foaming per unit of time,

(Compl. Specn. 14 pages; Drgs. 2 sheets)

Cl. 188 178974
Int. Cl⁴ : C 23 C 10/28

"A METHOD OF PRODUCING A PROTECTIVE THERMOSET COATING ON A PISTON CYLINDER DEVICE AND A PISTON CYLINDER DEVICE THUS PRODUCED".

Applicant : ROBERT WILHELM HEILIGER, OF HOCH-KOPPEL 11, D-5166, KREUZAU-UNTERMAUBACH, GERMANY.

Inventor : ROBERT WILHELM HEILIGER.

Application No. ; 256/Cal/1993 filed on 05 May, 1993.

Appropriate office for opposition proceedings (Rule 4, Patents Rule 1972) Patent Office, Calcutta.

19 Claims

A method for producing a protective thermoset coating on a piston cylinder device especially a mine prop one surface that cooperated with a sealing device in a piston cylinder unit wherein said at least one surface is in sliding contact with said sealing devices comprising the following steps :

- preparing a powder mixture of a three-dimensionally cross-linking thermosetting powder material not yet cured and a lubricant additive in powder form,
- roughly preparing said at least one surface for a powder coating operations to provide a prepared surface,
- applying a layer of said -powder mixture to said prepared surface to form a powder coating layer on said prepared surface, and
- heating said powder coating layer sufficiently for curing said thermosetting powder material to cause a three-dimensional cross-linking with or without participation of said lubricant additive in said three-dimensional cross-linking to form said protective thermoset coating with a coating thickness of about 500 µm at the most.

(Compl. specn. 26 pages; drgs. 2 sheets)

Int. Cl⁴ : C 12 C 1/16 178975
Ind. Cl. ; 17 A₂, 17 A₅

"PROCESS OP PRODUCING BEER".

Applicants : METALI OESELISCHAFT AKTIENGESELLSCHAFT, OF REUTERWEG 14, D-6000 FRANKFURT AM MAIN, GERMANY, A GERMAN COMPANY,

Inventors : J. KLAUS DZIONDZIAK, 2. RUDOLF BONSCH, 3. ROLAND BODMER, 4. MICHAEL EICHELS-BACHER, 5. PETER MITSCHKE, 6. ULRICH SANDER, 7. EBERHARD SCHLICHTING.

Application for Patent No. 269/CAL/1993 filed on 13th May, 1993.

(Cognated with Patent Application No. 270/CAL/1993 filed on 13th May, 1993).

Complete Specification left on 25-3-1994.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

13 Claims

1. A continuous process of producing beer wherein

(a) disintegrated and optionally malted raw materials are mashed with water and the mash is continuously fed to at least one reactor or reactor stage and is heated in steps by an indirect heat exchange and is finally heated to a temperature from 75 to 80°C, the residence time of the mash in the reactor or reactor stages is 30 to 90 mins. and the mash is held in each reactor or reactor stage at a defined temperature from 35 to 75°C;

(b") the grain residue is continuously removed from the mash in a decanter and is subsequently reached with the mashing water in a two-stage decanter;

(c) the solids-free-hot wort is mixed with hops or hop extract and is continuously supplied to a How reactor and is heated to a temperature from 105 to 140°C and is caused to flow through said reactor for between 2 to 60 mins. and during that time is maintained at said temperature and under a pressure from 1.2 to 3.6 bars;

(d) the pressurised wort is subjected to a flash evaporation and in a separator is continuously freed from the dregs and is subsequently cooled in a heat exchanger to the fermentation temperature;

(e) the cooled wort having an oxygen content from 0.5 to; 3.0 g O₂/l is continuously supplied to at least one fermenter, which consists of an internally recycling reactor and is operated at a temperature from 6 to 25°C and under a pressure from 1.5 to 2 bars and in which the wort has a mean residence time from 10 to 40 hrs. and is continuously recycled and which contains a biocatalyst that contains a biologically active yeast;

(f) liquid medium-is continuously withdrawn from the fermenter during the fermentation and is centrifuged to remove the free yeast cells contained therein and the liquid medium from which the yeast has been removed is heated at 50 to 80°C for 0.5 to 30 mins. and is divided into two partial streams of hot beer ;

(g) one partial stream of the hot beer produced in process step (f) is cooled and is recycled to the fermenter ;

(h) the second partial stream is de-alcoholized in a column by a stripping with air and the non-alcoholic beer is subsequently pressure-relieved or is cooled, filtered and after an admixing of CO₂ is delivered as a non-alcoholic beer.

Two Prov. Specn.- 19-20 Pages; Drgs. 1+1 sheet
Comp. Specn" 19 pages; Drgs.2 sheets

Cl: 206 E 178976
Int. Cl.⁴ : H 01 L 23/02

A HEAT SINK MOUNTING DEVICE FOR A SEMICONDUCTOR,

Applicant: EATON CORPORATION, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF OHIO, HAVING ITS PRINCIPAL PLACE OF BUSINESS AT 1111 SUPERIOR AVENUE CLEVELAND, OHIO 44114, UNITED STATES OF AMERICA.

Inventors ; FREDERICK GERALD GOESCHEL, MARK LORING LANTING, ARDEN MARCUS McCONNELL.

Application No. 268/Cal/1993 filed on 12th May, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A heat sink mounting device (2) for a semiconductor (4) comprising a heat sink, plurality of springs, circuit , board and a retaining block, the said

heat sink (8) for collecting heat generated by said semiconductor (4).

load means selected from coil spring (6) or flatspring (26) for applying a clamping force to said semiconductor (4) thereby forcing said semiconductor, (4) against said heat sink (8) ; and

a circuit board (96) having an opening (12) formed therein sized to allow said semiconductor (4) to pass therethrough, said circuit board (6) positioned with said heat sink (8) on one side of said circuit board (6), and said load means (16, 26) on a second side of said circuit board characterized in that.

a retaining block (14, 14, 14") attached to said heat sink (8) with said circuit board (6) clamped therebetween, said load means (16, 26) having one end held by said retaining block (14, 14: 14") and a second end-contacting said semiconductor (4) forcing said semiconductor (4) against said heat sink (8) for dissipating heat- generated by said semiconductor.

(.Compl. Specn. 10 Pages; Drgs 3 sheets)

178977

Int. Cl⁴ : F 16 K 15/02

BALL VALVE.

Applicant : DEUTSCHE AUDIO GMBH OF PEINER HAG D-25497 PRISDORF, FEDERAL REPUBLIC OF GERMANY AND (2) RUHRGAS AKTIENGESELLSCHAFT OF HUTTROPSTRASSE 60, D-45138 ESSEN FEDERAL REPUBLIC OF GERMANY.

Inventors: MANFRED BULOW, DR. ING DETLEF BORCHERT, GERHARD LEMBSER.

Application No. 638/Cal/1993 filed on 20th October, 1993.

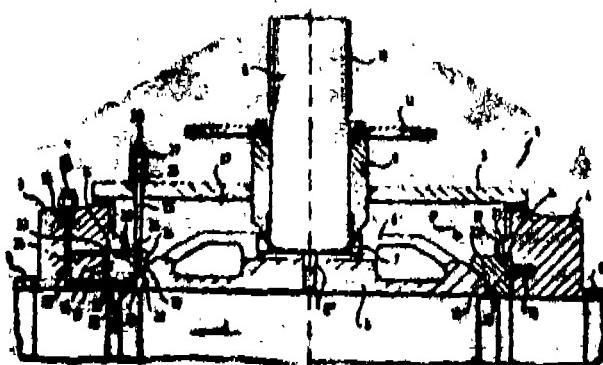
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

22 Claims

A ball valve which comprises a housing (1) having pipe sockets (5) allowing a medium to pass through, a ball means (6) adapted to be rotatable by means of a control shaft (8) fitting rings (12, 13) for said ball means arranged concentrically about the pipe socket axis and pressed against said ball means (6) for compensating axial tolerances while allowing movement relative to said housing; at least' one fitting ring (12) comprising sealing surfaces (15, 17) towards said ball means ,and said housing including a secondary sealings provided' by lubricating means (22) and/or soft seals (18, 20, 42, 43) and annular groove (29) extending concentrically with respect to said pipe socket axis and being arranged within the area of said fitting ring sealing surface (15) towards said ball means, characterised in that;a control line (30) of a bleed/outlet opens into said annular, groove (29) of said sealing surface (15) towards said ball means (6) after passing through the housing wall (3) and

said fitting ring (12) and bridging the separating area

described, thereby preventing excessive corrosion to said ferrous-based alloy, wet oxidation system, wherein pH of said caustic sulfide liquor is above 7.



(Compl. Specn. 22 pages; Drgs. 3 sheets)

Cl. : 164. A

178978

Int. Cl.⁴: C 02 F 11/08

IMPROVED PROCESS FOR THE PRODUCTION OF CAUSTIC SULFIDE LIQUOR WITH EXCESS NON-SULFIDIC ALKALINITY CONCENTRATION.

Applicant : ZIMPRO ENVIRONMENTAL INC., OF 301, WEST MILITARY ROAD ROTHSCHILD, WISCONSIN 54474. UNITED STATES OF AMERICA.

Inventors : JOSEPH ALLEN MOMONT, DAVID ALAN BEULA. WILLIAM MARVIN COM.

Application No. 172/Cal/1994 filed on 17th March, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule's. 1972) Patent Office, Calcutta.

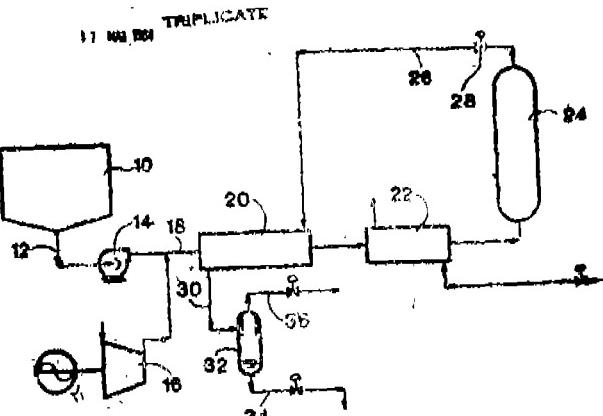
7 Claims

An improved process for the production of caustic sulfide liquor with excess non-sulfidic alkalinity concentration, by wet oxidation of the said liquor, so as to prevent excessive corrosion to a ferrous-based alloy wet oxidation system in which the wet oxidation system in which, the wet oxidation of the said liquor is carried out, said process comprising the steps of:

(A) analyzing the caustic sulfide liquor in the manner such as herein described, for initial concentrations of total alkalinity, total sulfides mercaptans, COD, thiosulfate, total carbonate and pH to determine the amount of nonsulfidic alkalinity, such as herein described, consumed by said liquor upon wet oxidation treatment;

(B) adding sufficient additional nonsulfidic alkalinity, such as herein described, to said caustic sulfide liquor whereby the initial nonsulfidic alkalinity concentration plus additional nonsulfidic alkalinity concentration exceeds the nonsulfidic alkalinity consumed upon wet oxidation treatment as determined in step (a); and

(C) carrying-out said treatment process of wet oxidation upon said causticsulfide within said ferrous-based alloy system at a temperature between about 175°C to 200°C to destroy all sulfide and disulfide species and produce a treated liquor with a total sulfide alkalinity concentration which is greater than



FIGURE

(Compl. Specn. 24 pages;

Drg. 1 sheet)

Cl. : 32 F 2(a)

178979

Ind. Cl.⁴ : C 07 C 102/04,
103/173, A 61 K 31/16

PROCESS FOR THE PREPARATION OF AMIDE DERIVATIVES.

Applicant : THE WELLCOME FOUNDATION LIMITED, OF UNICORN HOUSE, 160, EUSTON ROAD, LONDON, NW1 2BP, ENGLAND.

Inventors : DAVID LEE MUSSO, JAMES LEROY KELLEY.

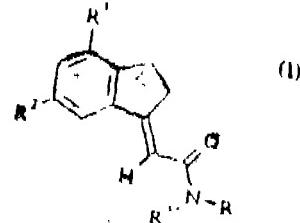
Application No. : 644/Cal/1995 filed on 06th Jun, 1995.

Divided out of No. 525/Cal/95 anti-dated to 09/05/1995.

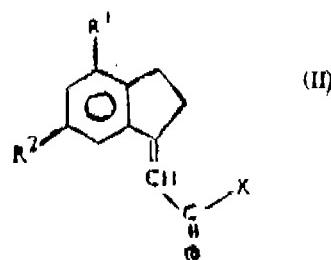
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

1. A process for the preparation of a compound of formula (I)



wherein R¹ and R³ are independently selected from chloro, fluoro, bromo, C₁₋₆ alkyl, C₁₋₆ alkoxy or C₁₋₆ haloalkyl provided that both R¹ and R³ are not fluoro; R² and R⁴ are independently selected from hydrogen and C₁₋₆ alkyl; or, a pharmaceutically acceptable salt, solvate, or physiologically functional derivative thereof which comprises reacting a compound of the formula (II)



with an amine NHR^3R^4 in an inert solvent at a temperature of -20°C to 120°C wherein R^1R^4 are as hereinbefore defined and X is a leaving group, and optionally converting the compound of formula (I) so prepared, into a salt, or physiologically functional derivative thereof.

(Compl. Specn. 43 pages; Drg. Nil)

Int. Cl.⁴ : C 06 B 63/00; 178980
C 07 C 91/42, 103/127

Ind. Cl. : 32 F_{2n}

A PROCESS OF PREPARING PURIFIED N-ACYL-HYDROXY AROMATIC AMINE.

Applicant : HOECHST CELANESE CORPORATION, A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE RESIDING ST ROUTE 202-206 NORTH, SOMERVILLE, NEW JERSEY; U.S.A.

Inventors: 1. ZEY EDWARD GUSTAVE, 2. FRUCHEY OLAN STANLEY, 3. SHOCKLEY THOMAS HORTON, 4. TREVINO JOE, 5. WOOD BILLY FRANK, 6. LINDLEY DANIEL DALE.

Application for Patent No. 692/Cal/1993 filed on 16th June, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

An improved process of preparing purified N-acyl-hydroxy aromatic amine which comprises the steps of reacting a hydroxy aromatic, ketone with a hydroxylamine salt and a base to form the ketoimine and then subjecting the ketoimine to Beckmann rearrangement in the presence of a catalyst to form crude N-acyl-hydroxy aromatic amine containing color bodies or their precursors, the improvement which comprises the purification of said crude aromatic amine by treating said crude amine with stoichiometric quantities of an acetylating agent, sufficient period of time to convert said color bodies or their precursors to substantially stable, colorless substances and substantially none of the N-acyl-hydroxy aromatic amine is converted to other chemical compounds and obtaining purified N-acyl-hydroxy aromatic amine in a known manner.

(Compl. Specn. 15 Pages; Drg. Nil)

Ind. Cl. : 32F3a 178981

Int. Cl.⁴: C11C 1/01

AN IMPROVED PROCESS FOR LONG CHAIN (CV₂₄) MONOUNSATURATED AND SATURATED FATTY ALCOHOLS AND FATTY ACIDS FROM JOJOBA OIL.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH RAFI MARG, NEW DELHI-110001, INDIA AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors : VIRENDRA KUMAR BHATIA, INDIA ; MAHENDRA PRATAP SAXENA, INDIA ; ARCHNA SHARMA, INDIA ; VIDYA BHUSHAN KAPOOR, INDIA.

Application for Patent No. 347/Del/89 filed on 19-4-1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi 110005.

5 Claims

An improved process for the long chain (C₁₈-C₂₄) mono-unsaturated fatty alcohols and fatty acids from jojoba oil which comprises refluxing the mixture of jojoba oil and potassium or sodium hydroxide in a molar ratio of oil to alkali 1 : 1 to 1 : .3 in organic solvent, cooling the reaction

mixture up to 10°C , filtering the cooled mixture to separate potassium or sodium salt of fatty acids, dissolving these salts in hot water and acidifying it to PH 2 to obtain fatty acids, neutralising the filtrate with alcoholic HC1 to convert excess of alkali into salt filtering and distilling off the alcohol from the filtrate to obtain said fatty alcohols.

(Compl. Specn. 7 pages; Drg. Nil)

Ind. Cl. : 55 E (4) XIX (I) 178982

Int. Cl.⁴ : 61 K, 15/00.

A METHOD OF PREPARING A TISSUE GROWTH RETINOL COMPOSITION.

Applicant : NEIL GEDDES CLARKSON HENDRY, OF TILLYFODDIE, DUNECHT, SKENE, ABERDEENSHIRE AB3 7BB, SCOTLAND, UNITED KINGDOM,

Inventor-NEIL GEDDES CLARKSON HENDRY.

Application for Patent No. 711/Del/89 filed on 9-8-89.

Divisional to Patent Application No. 896/Del/86 filed on 8-10-86.

Ante-dated to 8-10-86.

Convention date 8-10-85/8524807/GB,

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Brach, New Delhi-110005.

7 Claims

A method of preparing a tissue growth regulating composition for use in humans or animals, which comprises forming a solution of (a) at least one of, an N-acetyl-Dulycosamine or an oligomer thereof or a deacetylated derivative thereof such as herein described (b) at least one of biotin such as herein described and (c) a divalent metal cation such as herein described together with a buffer salt such as potassium dihydrogen sulfate and a suitable pharmaceutically acceptable anion heating said solution to a temperature between 50° to 80°C for an extended period of time, and then recovering the preparation for use in tissue growth regulation by cooling, the solution to a temperature just above the freezing point of the solution to cause formation of a crystalline deposit, recovering this deposit for use as the preparation for tissue growth regulation and the liquid remaining after recovery of said deposit is incubated for a period of time and freeze-drying to recover the composition for use in tissue growth regulation.

(Compl. Specn. 13 pages; Drg. sheet Nil)

Ind. : 170 B, D 178983

Int. Cl.⁴ : C 11 D 1/82.

A LIQUID LAUNDRY DETERGENT COMPOSITION FOR REDUCING WRINKLES IN WASHED FABRICS.

Applicant : THE PROCTER & GAMBLE COMPANY, A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF OHIO OF ONE, PROCTER & GAMBLE PLAZA, CINCINNATI, STATE OF OHIO, USA.

Inventors : TIMOTHY WOODROW COFFINDAFFER, US TOAN TRINH, US.

Application for Patent No. 939/Del/89 filed on data 18-10-89.

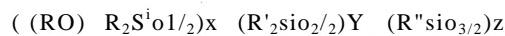
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

9 Claims

A liquid laundry detergent composition for reducing wrinkles in washed fabrics comprising

(i) 1% to 75% by weight of a detergent surfactant selected from the group consisting anionic, nonionic, amphoteric, zwitterionic and cationic surfactants, and mixtures thereof;

- (ii) a carrier selected from the group consisting of water, short chain C₁-C₄ monohydric alcohols, C₂-C₆ polyols, and mixture thereof and
- (iii) from 0.1% to 33% by weight of a curable amine functional silicone agent selected from the group consisting of linear and branched curable amine functional silicones and mixtures thereof having the following structure :



wherein Y is at least 3; Z is zero for a linear curable amine functional silicone, and Z is at least one for a branched curable amine functional siliconel ; X is equal to Z+2; R is a hydrogen or a C₁-C₂₀, alkyl ; R and R'' are independently C₁-C₂₀ alkyl or an amine group selected from cyclic amines, polyamines, and alkylamines having from 2 to 7 carbon atoms in their alkyl chain, wherein at least one R' or R'' is an amine group; wherein said curable amine functional silicones agent is provided as an aqueous emulsion comprising from 10% to 50% by weight of said agent dispersed with 3% to 15% by weight of a suitable emulsifier said emulsifier selected to be compatible with said surfactant used in section (1); and said curable amine functional silicones agent after depositing or fabrics cures to form silicon linkages.

Compl Specn. 20 pages;

Drwg. Nil.

Ind. Cl. : 141 D

178984

Int. Cl.⁴ : C 08 R 3/08.

PROCESS FOR PRODUCING AN INORGANIC BARIUM-CONTAINING SOLIDS COMPOSITION.

Applicant : KALI-CHEMIE AG, A GERMAN BODY CORPORATE, OF HANS-BOCKLER-ALLEE 20 POSTFACH 220, D-3000 HANNOVER 1. FEDERAL REPUBLIC OF GERMANY.

Inventor : JACOPO TORI A, ITALIAN.

Application for Patent No, 1167/DEL 90 filed on date 26-11-90.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

12 Claims

Process for producing an inorganic, barium containing solids composition for use interalia as an additive in baked clay articles which comprises reacting leaching residues which contain coal, barium salts and calcium salts in aqueous medium with carbon dioxide or gas mixtures containing carbon dioxide, alkali hydrogen carbonate or alkali carbonate, to produce a mixture containing inorganic barium solids composition and an aqueous hydrogen sulphide or alkali sulphide solution; said alkali carbonate being used in an amount 0.5 to 1.5 times the amount which is stoichiometrically necessary for converting barium, salts contained in the leaching residue into barium carbonate and calcium carbonate and separating by any known method, the solids composition out of the reaction mixture.

Comp. Specn. 21 pages;

Drwg. Nil,

Ind. Cl. : 32 V.

178985

Int. Cl.⁴ : C 08 J 5/ 00.

A PROCESS FOR PRODUCING A MONOAXIALLY STRETCHED SHAPED ARTICLE OF POLYTETRAFLUOROETHYLENE[ENH].

Applicant : LENZING AKTIENGESELLSCHAFT, A COMPANY ORGANISED UNDER THE LAWS OF AUSTRIA, OF A-4860 LENZING, AUSTRIA.

- Inventors: (1) FRANZ SABHOFER, AT
 (2) REINHARD REINMULLER, AT
 (3) CHRISTIAN H. F. SCHLOSSNIKL, AT
 (4) ADALBERT GEORG WIMMER, AT.

Kind of Application : Complete.

Application for Patent No. 292/Del/90 filed on date 22-03-90.

Appropriate Office for Opposition Proceedings (Rule" 4, Patents Rules, "1972) Patent Office Branch, New Delhi-110005.

4 Claims

A process for producing a monoaxially stretched shaped article of polytetrafluoroethylene having a high density of at least 1.80g/cm³ and high strength value of at least 500 N/mm² which comprises continuously forming a pasty mass containing polytetrafluoroethylene powder into a shaped body, feeding the shaped body over "a plurality of rollers or rods, heating the shaped body to a temperature between 327°C to 450°C, thereby sintering the said shaped body and finally stretching the sintered shaped body to produce a monoaxially stretched shaped article of polytetrafluoroethylene.

Comp. Specn. 8 pages;

Drwg. 1 sheet.

Ind. Cl. : 206E (LXII)

178986

Int. Cl.⁴ : G01R 23/00.

AN IMPROVED OPTO-ELECTRONIC DEVICE COMPRISING A HETEROJUNCTION STRUCTURE.

Applicant : INTERNATIONAL BUSINESS MACHINES CORPORATION A COMPANY ORGANIZED AND EXISTING UNDER LAWS OF STATE OF NEW YORK, UNITED STATES OF AMERICA, OF NEW YORK, 10504, UNITED STATES OF AMERICA.

Inventor : MATTHEW FRANCIS CHISHOLM, USA, PETER DANIEL KIRCHNER USA, ALAN CLARK WARREN U.S.A, AND TERRY MACPHERSON WOODALL USA.

Application for Patent No, 614/Del/90 filed on 21-6-90.

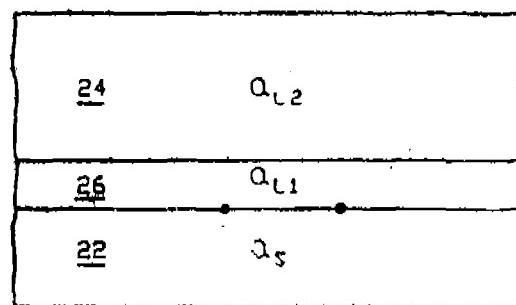
Convention Date : 16-8-89/89 18694.4/GB.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005,

26 Claims

An improved upto electronic device characterised by heterojunction structure comprising a substrate layer of a first semiconductor material having a crystalline structure and a first bulk lattice constant an upper layer of second epitaxially grown semiconductor material which is unstrained having, a second bulk lattice constant different from ,said first bulk lattice constant; and an intermediate layer of third epitaxially grown semiconductor material sandwiched between said substrate and said upper layer of a second semiconductor material having a partial strain therein due to its growth on said substrate and a partially relaxed in plane lattice constant substantially equal to the second bulk lattice constant.

20



Comp. Specn. 20

pages

Drwngs,

3 sheets.

Ind. Cl : 206 K
Int. Cl⁴ : H 04 L 13/00.

A SUBSCRIBER UNIT FOR A WIRELESS DIGITAL SUBSCRIBER COMMUNICATION SYSTEM.

Applicant : INTERDIGITAL TECHNOLOGY CORPORATION, A CORPORATION OF THE STATE OF DELAWARE, LOCATED AT 900 MARKET STREET, SUITE 200, MLLINGTON DELAWARE 1980. U.S.A.

Inventors : 1) DAVID NORTON CRITCHLOW
(2) MOSHE YEHUDA
(3) GRAHAM MARTIN AVIS
(4) WADE IYLE HEIMBIGNER
(5) KARLE JOSEPH JOHNSON
(6) GEORGE ALAN WILEY, ALL USA.

Kind of Application : Complete.

Application for Patent No. 779/DEL/90 filed on 1-8-90.

Appropriate Office for filing Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Karol Bach, New Delhi-110 005.

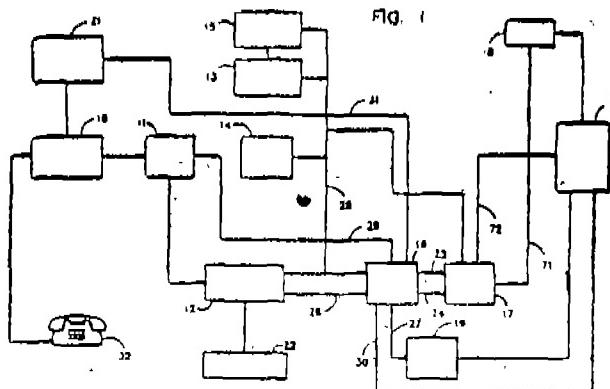
6 Claims

A subscriber unit for a wireless digital subscriber communication system, comprising : a processor chip (12) connected to an oscillator (22) and to a subscriber line interface circuit and coder/decoder (SLIC/codec) (11) connected to a telephone interface circuit (70) connected to a telephone (32) and a ringer circuit (21); the ringer circuit (21) is also connected to a FIR chip (16) via line; the FIR chip (16) is connected to an analog-to-digital converter (19) via line (27), a radio (20), via line (30), the processor chip (12) via line (26), the SLIC/codec via line (29); the FIR chip (16) is connected via a processor bus (25) to the processor chip (12) a slow memory (14), a fast memory (13) and an address decoder (15) the radio (20) is also connected to the analog-to-digital converter (19) and a digital-to-analog converter (18); the address decoder (15) is also connected to the fast memory (13) wherein the subscriber unit is characterised by :

a digital intermediate frequency (DIF) chip (17) for synthesizing digital intermediate frequencies and for combining filtered digital symbols with, a selected synthesized digital intermediate frequency; the DIF chip connected to the FIR chip (16) via lines (23 and 24) connected to the digital-to-analog converter (18) via line (71) connected to the radio (20) via line (72). and to the processor bus (25).

Ret. : V. S. 06/893916, 4777633.

Agent : REMFRY & SAGAR,



(Comp. Specn. 46 pages;

Drwg

1

sheet)

178987

Ind. Cl. : 127 A 1

178988

Int. Cl⁴ : F 16 F 13/00 & 13/02.

AN ECCENTRIC DRIVE MECHANISM.

Applicant : CAEVEST ASSOCIATES INC., A CORPORATION ORGANISER AND EXISTING UNDER THE LAWS OF THE STATE OF NEVADA 1155 PARK AVE-NUF EMERYVILLE, U.S.A.

Inventors : JOSEPH RADLEY CULKIN, US.

Kind of Application Complete.

Application for Patent No. 1143/Del/90 filed on 21-11-90.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005.

17 Claims

An eccentric drive mechanism for a body predetermined weight and positioned on supporting surface comprising :

motor means for rotating, an output shaft,

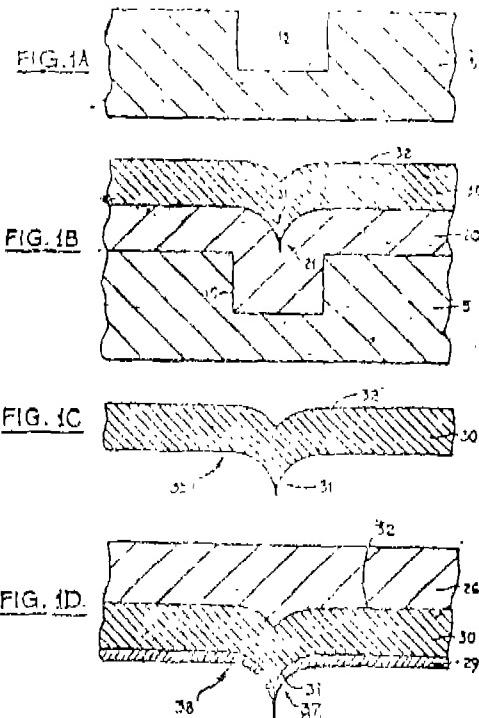
an eccentric weight connected to said rotating output shaft for rotation therewith;

a base weight linked to said eccentric weight for transmitting a oscillations motion along said base weight; and

spring means connected to and extending from said base weight and the body for imparting oscillational motion.

Ref. No. Nil.

Agent : THE ACME COMPANY.



(Comp. Specn. 9

pages

Drwg.

4 sheets)

Ind. Cl. : 194 C4a'

178989

Int. Cl⁴ : H01J31/00.

FIELD EMISSION CATHODES AND PROCESS OF MAKING THE SAME

Applicant : INTERNATIONAL BUSINESS MACHINES CORPORATION, A COMPANY ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF NEW YORK, USA, OF ARMONK NEW 10504. USA.

Inventor- : STEVEN MICHAEL ZIMMERMAN US.

Kind of Application . Complete,

Application for Patent No, 1152/Del/90 filed on 22-11-90.

Appropriate Office for Opposite Proceedings (Rule 4. Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

33 Claims

A process of making field emission cathodes comprising the steps of :

- (a) providing at least one hole in a substrate
- (b) depositing in a manner such herein described at least a first material of the kind as herein described and filling at least a portion of said hole, sufficiently to form a cusp,
- (c) depositing at least one layer of a material which is capable of emitting electrons under the influence of an electrical field and filling at least a portion of the tip of. said cusp, and
- (d) removing said first material, underneath the cusp to expose at least a portion of the tip of said electron-emitting material and thereby forming said field emission cathode structure.

Ref .No, Nil.

Agent : ANAND & ANAND ADVOCATE.

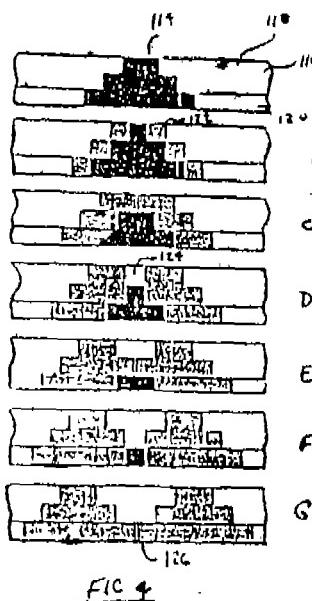


FIG 4

Comp. Specn.38 pages;

Drwngs

7 sheets

Ind. Cl. :

40B

178990

Int. Cl⁴ : B011 23/46 C07C 125/04

A PROCESS FOR THE PREPARATION OF A HOMOGENEOUS ROTHENIUM COMPLEX CATALYST USEFUL FOR THE REDUCTIVE CARBONYLATION OF AROMATIC NITRO COMPOUNDS TO CORRESPONDING URETHANES.

Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH RAFI MARG. NEW DELHI-110001. INDIA. AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860),

Inventors : (1) MIRZA MOHAMMED- TAQUI KHAN, INDIA.
 (2) SHIVAPPA BASAPPA ILALLIGUDI, INDIA.
 (3) SUMITA SHUKLA, INDIA.
 (4) SAYED HASAN RAZI ABDI, INDIA.
 (5) ZAHID ABDUL MUNAF SHAIKH, INDIA.

Application for Patent No. 1155/Del/88 filed on 27-12-1988.

Complete left after Provisional filed on 26-2-90.

Appropriate Office for Opposition Proceedings (Rule 4. Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

7 Claims

A process for the preparation of a homogeneous ruthenium complex catalyst useful for the reductive carbonylation, of aromatic nitro compounds to corresponding urethanes, which comprises refluxing a mixture of a salt of ruthenium anal Schiff base ligands, precipitating catalyst by adding Organic solvent such as herein, described to the refluxed mixture and drying,

(Prov. Specn. 6 pages Drwng. sheet, Nil)
 (Comp. Specn. 7 pages; Drwng. sheet Nil)

Ind. Cl. 140 A₂ \ n \\\
 Int. Cl⁴ : C10M 127/06 129/26.

A PROCESS FOR TUB PRODUCTION OF A FINISHED LUBRICATING OIL COMPOSITION.

Applicant : B. P. CHEMICALS (ADDITIVES) LTD., A BRITISH CO., OF BELGRAVE HOUSE, 76 BUCKINGHAM PALACE ROAD. LONDON SW1W OSU ENGLAND.

Inventors : (1) CHARLES CANE, ENGLAND
 (2) JOHN CRAWFORD, ENGLAND
 (3) SEAN PATRICK O CONNOR, ENGLAND.

Application of Patent No. I230/DEL/90 Filed on 5-12-90

Convention Application No. 8628609/UK/29-11-86.

Ante dated to 30-11-1987.

Divisional to Patent No. 1018/DEL/ 87 filed on 30-11-87.

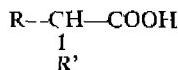
Appropriate Office For Opposition Proceedings (Rule 4. Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

16 Claims

A process for the production of a finished lubricating oil composition comprising :

(1) producing an additive concentrate having a TBNT greater than 300 by reacting with each other at elevated temperature (A) either (i) a hydrocarbyl phenol such as hereinbefore described or (ii) sulphur and a hydrocarbyl phenol such as hereinbefore described (B) an alkaline earth; metal base added in either a single addition or in a plurality of additions at intermediate points during the reaction, (C)

a polyhydric alcohol having from 2 to carbon atoms, a di- or tri (C_2 to C_4) glycol, an alkylene glycol alkyl ether or a polyalkylene glycol alkyl ether, (D) a lubricating oil such as herein described (E) carbon dioxide added subsequent to the, or each, addition of component (D), (V) sufficient to provide from greater than 2 to less than 40% by weight based on the weight of the concentrate of either (i) a carboxylic acid having the formula (I) ;—



(I)

wherein R. is a C_{10} to C_{24} alkyl or alkenyl group and R' is either hydrogen, a C_1 to C_4 alkyl group or a CH_2COOH group, or an acid anhydride, acid chloride or ester thereof (ii) a di- or polycarboxylic acid containing from 36 to 100, carbon atoms or an acid anhydride, acid chloride or ester thereof, and (G) a catalyst for the reaction such, as hereinbefore described and

(b) adding the additive concentrate produced in step (I) to a lubricating oil to produce a finished lubricating oil composition having a TBN in the range from, 0.5 to 12°C.

(Comp. Specn. 30 pages;

Drwng. sheet Nil.)

Ind. Cl. : 32 BC

178992

Int. Cl.⁴ : C 07 C 1,00.

A HYDRAULIC FRACTURING FLUID COMPOSITION AND A METHOD FOR THE PREPARATION HEREOF.

Applicant : MONSANTO COMPANY, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE, OF 800 NORTH LINDBERGH BOULEVARD, USA,

Inventors ; (1) JOHN ALDEN WESTLAND
 (2) GLENN STANLEY PENNY
 (3) ALAN ROBERT WINSLOW
 (4) ROBERT SCOTT STEPHENS.

Application for Patent No, 1254/Del/90 filed on date 13-12-90.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005,

9 Claims

A hydraulic fracturing fluid composition comprising :

- (i) an aqueous transport medium of the kind described hereinbefore;;
- (ii) a bacterial cellulose of the kind described hereinbefore in an amount of 0.12 to 4.8g/l of fracturing fluid;
- (iii) a gellant of the kind described hereinbefore in an amount of 0.60 to 7.2g/l of fracturing fluid, said bacterial cellulose and said gellant dispersed in said, medium to raise the viscosity thereof; and
- (iv) proppant particles in an amount of 120 to 960g/l of fracturing fluid suspended in said medium, said ratios of bacterial cellulose, gellant, and proppant particles being;

1:25 to 1:8000 bacterial cellulose to proppant;

8:1 to 1:60 bacterial cellulose to proppant;

1:16.67 to 1:1600 gellant to proppant.

A method for preparing a novel hydraulic fracturing fluid composition as claimed in any preceding claims which comprises :

- (a) providing an aqueous transport medium of the kind described hereinbefore;

- (b) dispersing a gellant of the kind described hereinbefore and a bacterial cellulose of the kind described hereinbefore in an amount of 0.12 to 4.8g/l of fracturing fluid in said medium to increase the viscosity of said medium; and
- (c) suspending proppant particles in an amount of 120 to 960 g.. fracturing fluid in said medium.

Comp. Specn. 37 pages;

Drwng.

1 sheet

Ind. Cl. : 32 E

178993

Int. Cl.⁴ : C 10 M; 129/04.

A HIGH TEMPERATURE FUNCTIONAL FLUID.

Applicant : THE LUBRIZOL CORPORATION, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF OHIO, USA, 29400 LAKELAND BOULEVARD, WICKLIFFE, OHIO 44092, UNITED STATES OF AMERICA.

Inventors ; (1) MARY F. SALOMON
 (2) DONALD I. MARN
 (3) FRANKLIN PAUL ABBOTT
 (4) JOSEPH WILLIAM PIALET.

Application for Patent No. 1287/Del/90 filed on date 18-12-90.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

24 Claims

, A high temperature functional fluid composition comprising :

- (a) at least 85% by weight of at least one synthetic base oil of the kind such as hereinbefore described and minor amounts of;
- (b) from 0.1 to 10% by weight of at least one phenolic compound selected from the group consisting of;
 - (b-1) metal-free, hindered phenols substituted with at least one alkyl group containing at least about 6 carbon atoms, and alkylene coupled derivatives thereof;
 - (b-2) neutral and basic alkaline earth metal salts of hindered phenols which are not alkylene-or sulfur-coupled;
 - (b-3) metal-free alkyl phenol sulfides or neutral and basic alkaline earth metal salts of alkyl phenol sulfides; and
 - (b-4) neutral and basic alkaline earth metal salts of alkylene-coupled phenols;
- (c) from 0.1 to 10% by wt. of at least one non-phenolic antioxidant of the kind such as herein described; and
- (d) balance if any, comprising

not more than 5% wt. of at least one base alkali metal or alkaline earth metal salt of a sulfonic or carboxylic acid or mixtures thereof.

Comp. Specn. 63

pages

Drwng. Nil.

Ind. Cl. : 140

(A₂)

178994

Int.C1⁴ : C-10M, 125/12 127/06,

A PROCESS FOR THE PRODUCTION OF AN ADDITIVE CONCENTRATE SUITABLE FOR INCORPORATION INTO A FINISHED LUBRICATING OIL COMPOSITION.

Applicant : B. P. CHEMICALS (ADDITIVES) LTD., A BRITISH CO. OF BELGRAVE HOUSE, 76 BUCKINGHAM PLACE ROAD, LONDON SW1W OSU, ENGLAND.

Inventors : (1) CHARLES CANE
(2) JOHN CRAWFORD
(3) SEAN PATRICK O' CONNOR.

Convention date 29-11-86 No. 8628609 Country UK-Application for Patent No. 1289/DEL/90 filed on 18-12-90.

Ante dated to 30-11-87.

Divisional to Patent No 1018/DEL/87 filed on 30-11-1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

9 Claims

A process for the production of an additive concentrate suitable for incorporation into a finished lubricating oil composition which process comprises reacting with each other at elevated temperature (A) a hydrocarbyl phenol such as herein described (B) an alkaline earth metal base added in either a single addition or in a plurality of additions at intermediate points during the reaction, (C) a polyhydric alcohol having from 2 to 4 carbon atoms, a di- or tri- (C_2 to C_4) glycol, an altylene glycol alkyl ether or a polyalkylene glycol alkyl ether, (D) a lubricating oil such as herein described, (E) carbon dioxide added subsequent to the, or each, addition of component (B) and (F) sufficient to provide from greater than 2 to less than 40% by weight based on the weight of the concentrate of either, (i) a carboxylic acid having the Formula R—CH—COOH,



wherein R is a C_{10} to C_{24} alkyl or alkenyl group and R^1 is either hydrogen, a C^1 to C^4 alkyl group or a CH_2COOH group an anhydrite, acid chloride or ester thereof, or (ii) a di- or polycarboxylic acid containing from 3& to 100 carbon atoms or an acid anhydride, acid chloride or ester hereof an (G) an inorganic halide to produce a concentrate having a TBN greater than 300.

(Comp. Specn. 28 pages; Drwg sheet Nil.)

Ind. Cl. : 32E 178995
Int. Cl.⁴ : C08F 14/06.
114/06, 214/06.

A PROCESS FOR THE PREPARATION OF VINYL CHLORIDE HOMO-AND COPOLYMERS.

Applicant : ATOCHEM, 4 & 8, COURS MICHELET, LA DEFENSE 10,92800) PUTEAUZ, FRANCE.

Inventors : (1) JACQUES GROSSOLEIL
(2) PATRICK KAPPLER
(3) NICOLAS KRANTZ.

Application for Patent No. 609/DEL/91 filed on 8-7-91.
Ante dated to 11-3-1988.

Divisional to Patent Application No. 192/DEL/88 filed on 11-3-1988,

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

5 Claims

A process for the preparation of vinyl chloride homo and copolymers in the form of a latex containing monodisperse particles, and more particularly of a latex containing mono-disperse particles comprising polymerizing the corresponding monomer(s) in aqueous

emulsion in two stages, the first stage being carried out in the absence of surface-active agent and in the presence of at least 0.2% and preferably from 0.3% to 1% by weight of at least one water-soluble initiator relative to the monomer(s), said water-soluble initiator being selected from alkali metal persulphates and ammonium persulphate characterised in that said first stage is carried out in the presence of at least one water-soluble auxiliary compound such as herein described, which is a solvent for vinyl chloride such that the solubility of vinyl chloride in the aqueous phase at 25°C at atmospheric pressure is at least 1.5 g/l and the second stage polymerisation is carried out by any technique of seeded emulsion polymerisation known per se in the presence of a least a part of the latex originating from the first stage as seeding product.

(Compl. Specn. 25 pages;

Drwg. sheet Nil.)

Ind. Cl. : 140A₂+B₁ 178995
Int. Cl.⁴ : C10M 133/00

A LUBRICATING OIL COMPOSITION CONTAINING AN ANTIOXIDANT.

Applicant : THE LUERIZOL CORPORATION, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF OHIO, USA OF 29400 LAKELAND BOULEVARD, WICKLIFFE, OHIO 44092, UNITED STATES OF AMERICA.

Inventor : MARY FRISINGER SALOMON, U.S.

Application for Patent No. 620/Del/91 filed on 11-7-91.

Auto dated to 28-4-1988.

Divisional to Patent No. 372/DEL/88 filed on 28-4-88.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

13 Claims

A lubrication oil composition comprising an oil of lubricating viscosity and from 0.05 to 10% by weight of an antioxidant composition consisting of : (A) the reaction product of a betahydroxyalcohol and a monohydric alcohol wherein the betahydroxyalcohol is terminated, with the residue of the monohydric alcohol; and (B) an aromatic amine or a hindered phenol or mixtures thereof, the weight ratio of component (A) : (E) being in the range of 10:1 to 1:10.

(Comp. Specn. 23 pages; Drwg. sheet Nil.)

Ind. Cl. : 32F₂b 178997
Int. Cl.⁴ : C08L 79/00 C07D 253/00.

A DEGRADATION RESISTANT POLYMER COMPOSITION.

Applicant : UNIROYAL CHEMICAL COMPANY, INC., A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF NEW JERSEY, ONE OF THE UNITED STATES OF AMERICA, LOCATED AT WORLD HEADQUARTERS, MIDDLEBURY, CONNECTICUT 06749, UNITED STATES OF AMERICA.

Inventors : (1) EDWARD LOCKWOOD WHEELER
(2) FRANKLIN HERBERT BARROWS
(3) ROBERT JOHN FRANKO
(4) WADIM BATOREWICZ
(5) ROBERT JOSEPH CORNELL
(6) RUSSELL ANGELO MAZZEO
(7) SUNG W. HONG, U.S.

Applicant for Patent No. 972/Del/91 filed on 8-10-91.

Ante dated to 23-8-1988.

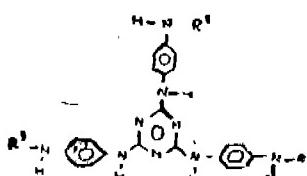
Divisional to Patent No 727/DEL/88 filed on 23-8-88.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005.

2 Claims

A degradation-resistant polymer composition comprising:

- (a) an unsaturated polymer of the kind such as herein described, and
- (b) 0.1 to 10 Parts by weight of polymer of a compound of a formula 1



of the drawings in which R¹, R² and R³ are radicals independently selected from a C₃-C₁₈ branched or liner alkyl, or a C₃-C₁₂ cycloalkyl or a C₃-C₁₂ cycloalkyl substituted with one or more C₁-C₁₂ alkyl groups and the balance, if any, comprising a paraphenylenediamine antiozonant incorporated into said polymer in an amount sufficient to protect said polymer against ozone degradation.

(Compl. Specn. 63 pages;

Drwng. sheet Nil.)

Ind. Cl. : 77 C

178998

Int. Cl⁴ : C 07 B 35/02 & C 11 B 1/04,
9/02

AN IMPROVED PROCESS FOR THE PREPARATION
OF HYDROGENATED JOJOBA OIL.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors : (1) VIRENDRA KUMAR BHATIA
(2) MAHENDRA PRATAP SAXENA
(3) DINESH BANGWAL.

Kind of Application : Complete.

Application for Patent No. 1234/DEL/91 filed on 16-12-91.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005.

4 Claims

A process for the preparation of hydrogenated jojoba oil by treating jojoba oil in an autoclave with hydrogen gas using a conventional nickel based catalyst (containing 19% Ni) under pressure of 200 to 600 psig of hydrogen at a temperature in the range of 100—150°C for a period of 30 min. to 3 hrs under stirring, cooling the autoclave, dissolving the reaction product in an organic solvent selected from chloroform, methylene chloride and carbon tetrachloride, separating the hydrogenated jojoba oil by known methods.

(Compl. Specn. 9 pages;

Drwng- Nil.)

Ind. Cl. : 32F3a, 55E₂, 178999
Int. Cl⁴ : C07J 5/00.

A PROCESS FOR THE PREPARATION OF NOVEL 21
HYDROXY OP PREGNA-3, 20 DIONES.

Applicant : AKTIEBOLAGET ASTRA, A SWEDISH CO.,
OF S-151 85 SODERTALJE, SWEDEN

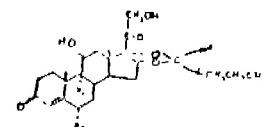
Inventors : (1) PAUL HAKAN ANDERSON
(2) BENGT INGEMAR AXELSSON
(3) RALPH LANNART BRATTSAND
(4) ARNE BROR THALEN.

Application for Patent No. 8/DEL/92 filed on 3-1-92.

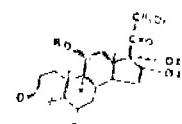
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005.

4 Claims

A process for the preparation of 16 oc, 17oc:-alkylidendioxy pregnan-4 ene-3, 20 dione of the formula I



wherein X₁ and X₂ are the same or different and each, represents a hydrogen atom or a fluorine atom, provided that X₁ and X₂ are not simultaneously a hydrogen atom, characterized by reaction-21 hydroxy-pregna-3, 20-diones of the formula II



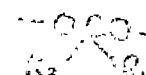
wherein X₁ and X₂ are defined as above, Z₁ and Z₂ are both hydrogen or together form a chain



wherein R₁ and R₂ are each a methyl, with a aldehyde of formula III



whereafter epimeric mixture is resolved into its stereoisomeric components and where Z₁ and Z₂ together form a chain



and R₃ is a hydrogen and R₄ is a propyl, optionally converting the resulting compound to a 21 ester, thereof a carboxylic acid residue having a straight hydrocarbon chain, having 1-5 carbon atoms, an optionally, hydrolyzing the 21 ester group.

(Comp. Specn. 31 pages;

Drwng sheet Nil.)

Ind. Cl : 32f,C
Int. Cl⁴: A61 K-35/58.

179900

A METHOD FOR THE PREPARATION OF AN INSECTICIDALLY EFFECTIVE PEPTIDES.

Applicant : FMC CORPORATION, 1735 MARKET STREET, PHILADELPHIA, PENNSYLVANIA 19103, UNITED STATES OF AMERICA AND NATURAL PRODUCT SCIENCES INC, OF 420 CHIPETA WAY SUITE 240, SALT LAKE CITY, UTAH 84108, UNITED STATES OF AMERICA.

Inventor : (1) KAREN JOANNE KRAPCHO
(2) BRADFORD CARR YANWAGENEN
(3) RANDOLPH HUNTER JACKSON.

Application for Patent No. 176/DEL/92 filed on 3-3-92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110 005.

4 Claims

A process for the preparation of insecticidally effective peptides which comprises subjecting venom obtained from the Dguetia canities to fractionation in a manner such as herein described to separate therefrom insecticidally effective peptides having amino acid sequences of SEQ ID Nos. 1, 3/ or 5 and DNA sequences of SEQ ID No... 2, 4 or 6 respectively as herein before described.

(Comp. Specn. 70 pages; Drwng. sheets 6.)

RESTORATION PROCEEDINGS

Notice is hereby given that an application for restoration of Patent No. 171945 dated the 2nd June, 1989 made by Borealis Holdings A/S. on the 24th May, 1996, and notified in the Gazette of India, Par-III, Section 2 dated the 27th July, 1996 has been allowed and the said Patent restored.

OPPOSITION PROCEEDINGS

An opposition has been entered by Harbans Lal Malhotra & Sons Ltd., Calcutta to grant of Patent on application No. 177312 (350/DEL/88) dated 22nd April, 1988 made by The Gillette Company, U.S.A.

RENEWAL FEES PAID

177215 177216 177217 177221 177222 177223 177225 177229
177230 163669 165796 168447 174998 175974 170775 175544
169062 172385 166377 164018 168821 163536 165903 169809
169336 171091 171080 161816 177206 177329 164887 165848
161898 163532 165901 167102 173201 173263 164820 166123
172396 169056 166887 161472 161938 165005 176047 168335
169990 169053 171449 176489 173973 163662 176301 163968
165422 176506 169538 176055 169930 168088 175992 171915
176357

PATENT SEALED ON 3-7-97

175242 175263 177228 177323 177331 177332* 177333
177334 177335 177337 177338 177339* 177340 177341*
177342 177343 177344 177345 177347 177349 177350 177351
177352 177353 177354 177355.

CAL-24, DEL-NIL, MUM-02, CHEN-NIL

*Patent shall be deemed to be endorsed with the words LICENCE OF RIGHT Under Section 87 of the Patent Act, 1970 from the date of expiration of three years from the date of sealing

D Drug Patents.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for period of two years from the date of registration except as provided for in Section 50 of the Design Act, 1911.

The date shown in the each entries is the date of the registration included in the entries.

Class 1. Nos. 172705 to 172709, Kabushiki Kaisha S M K, a corporation organised and existing under the laws of Japan; whose address is 830-5, Ooi, Tsukui-machi, Tsukui-gun, Kanagawa, Japan, "CONTACT TIP FOR AN ARC WELDING", 27th November 1996.

Class 1. Nos. 172543 to 172545, NCL Seccolor Ltd., 7th-floor, Raghava Ratna Towers, Abids, Hyderabad-500001, A.P., India, "PROFILE USED IN BUILDING STRUCTURES". 6th November 1996.

Class 3. Nos. 172614 & 172618 Patel Ply Centre of 12 Vadhani Industrial Estate, L. B, S. Marg, Ghatkopar (W), Mumbai-400086, Maharashtra, India, Indian partnership firm, "MOULDED ARTICLE", 18th November 1996.

Class 1, Nos. 172632 & 172633, Severin Montres AG, a company incorporated under the laws of Switzerland having its regd. office at 1, Gewerbestrasse, 2543 Lengnau, Switzerland, "WRIST WATCH", 5th August 1996 (Reciprocity),

Class 3, Nos. 172664 to 172670, Philips Electronics N.V., a limited liability company organized and established under the laws of the Kingdom of the Netherlands, at Groenewoudseweg 1, 5621 BA Eindhoven, The Netherlands, "PORTABLE TELEPHONE APPARATUS", 12th August 1996 (Reciprocity date).

Class 4. Nos. 172611 to 172613, Sona Ceramic of Old Ghuntu Road, Morbi 363642 Gujarat, India, an Indian partnership firm, "WASH BASIN", 8th November 1996.

Class 10. Nos. 172628 to 172630, Jay Jagdamba Plastic & Gen. Ind. of 40, Nehru Nayar, Agra, U.P.-India, an Indian partnership firm, "SOLE FOR FOOTWEAR", 18th November 1996.

Class 10. Nos. 172502 to 172506, Alfa Exporters & Fabricators (P) Ltd., a company existing under the Comp. Act. 1956, of 8-B/7-A Dev Nagar, Bye Pass Rood, Agra, UP., India, "SOLE FOR FOOTWEAR", 30th October 1996.

Class 4. Nos. 172554 to 172556 & 172559, Mulder India Pvt. Ltd., a company existing under the Comp. Act, 1956 of 12 Race Course Road, Bangalore-560001, Karnataka, India, "CERAMIC TILE", 7th November 1996.

T. R. SUBRAMANIAN
Controller General of Patent, Design & Trade Marks

प्रधानमंत्री, भारत सरकार मुद्रणालय, फरीदाबाद इवारा भूमि
एवं प्रकाशन नियंत्रण, दिल्ली इवारा प्रकाशन, 1997

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